



19W

PATENT  
ATTORNEY DOCKET NO. 50189/003002

Certificate of Mailing: Date of Deposit: August 7, 2006

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael Reisman

Printed name of person mailing correspondence

[Signature]  
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: STROOBANT et al.

Confirmation No.: 4907

Serial No.: 10/518,771

Art Unit: 1639

371 (c) Date: October 27, 2005

Examiner: Not Yet Assigned

Customer No.: 21559

Title: METHODS FOR PERFORMING DIFFERENTIAL CAPTURE  
PROTEOMICS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed with the exception of U.S. patents and U.S. patent application publications. Also enclosed are search reports from corresponding international and foreign applications.

Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./



This statement is being filed before the receipt of a first Office action on the merits.

If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date:

August 7, 2006

Kristina Beker-Brady, Ph.D.  
Reg. No. 39,109

Clark & Elbing LLP  
101 Federal Street  
Boston, MA 02110  
Telephone: 617-428-0200  
Facsimile: 617-428-7045



Sheet 1 of 3

SUBSTITUTE FORM PTO-1449 (MODIFIED)  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 C.F.R. § 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50189/003002
		Serial No.	10/518,771
		Applicant	Stroobant et al.
		\$ 371 Date	October 27, 2005
		Group	1639
		IDS Filed	August 7, 2006

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
	2002/0090606	7/11/02	Stewart et al.			
	6,225,047	5/01/01	Hutchens et al.			
	2002/0090637	7/11/02	Stroobant			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO98/59360	12/30/98	WIPO ✓			
	WO99/39210	08/05/99	WIPO ✓			
	WO99/35502	07/15/99	WIPO ✓			
	WO00/39580	07/06/00	WIPO ✓			
	WO00/04389	01/27/00	WIPO ✓			
	WO02/48716	6/20/02	WIPO ✓			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
	Beck et al., "Scattering of Visible Light from Silica Aerogels." <i>J. Phys. D. Appl. Phys.</i> 22:730-734 (1989)
	Cai et al., "Anti-Melanoma Antibodies from Melanoma Patients Immunized with Genetically Modified Autologous Tumor Cells: Selection of Specific Antibodies from Single-Chain Fv Fusion Phage Libraries." <i>Proc. Natl. Acad. Sci. U.S.A.</i> 92:6537-6541 (1995) ✓
	Coto et al., "A Preparation of a Lambda Phage DNA Based on Affinity Chromatography." <i>Anal. Biochem.</i> 209:199-201 (1993) ✓
	Cull et al., "Preparation of Extracts from Prokaryotes." <i>Meth. Enzymol.</i> 182:147-235 (1990) ✓
	De Kruijff et al., "Rapid Selection of Cell Subpopulation-Specific Human Monoclonal Antibodies from a Synthetic Phage Antibody Library." <i>Proc. Natl. Acad. Sci. U.S.A.</i> 92:3938-3942. (1995) ✓
	De Wildt et al., "Antibody Arrays for High-Throughput Screening of Antibody-Antigen Interactions." <i>Nat. Biotechnol.</i> 18:989-994 (2000) ✓
EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. //J.L./

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50189/003002
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No.	10/518,771
		Applicant	Stroobant et al.
		§ 371 Date	October 27, 2005
		Group	1639
(37 C.F.R. § 1.98(b))		IDS Filed	August 7, 2006

	Gygi et al., "Measuring Gene Expression by Quantitative Proteome Analysis." <i>Curr. Opin. Biotechnol.</i> 11:396-401 (2000) ✓
	Gygi et al., "Quantitative Analysis of Complex Protein Mixtures Using Isotope-Coded Affinity Tags." <i>Nat. Biotechnol.</i> 17:994-999 (1999) ✓
	Holt et al., "The Use of Recombinant Antibodies in Proteomics." <i>Curr. Opin. Biotechnol.</i> 11:445-449. (2000) ✓
	Kim et al., "Hollow Silica Spheres of Controlled Size and Porosity by Sol-Gel Processing." <i>J. Am. Ceram. Soc.</i> 74:1987-1992 (1991) ✓
	Koivunen et al., "Identification of Receptor Ligands with Phage Display Peptide Libraries." <i>J. Nucl. Med.</i> 40:883-888 (1999) ✓
	Li, "Applications of Display Technology in Protein Analysis." <i>Nat. Biotechnol.</i> 18:1251-1256 (2000) ✓
	Link et al., "Direct Analysis of Protein Complexes Using Mass Spectrometry." <i>Nat. Biotechnol.</i> 17:676-682 (1999) ✓
	Link et al., "Identifying the Major Proteome Components of <i>Haemophilus Influenzae</i> Type-Strain NCTC 8143." <i>Electrophoresis</i> 18:1314-1334 (1997) ✓
	Mirgorodskaya et al., "Quantitation of Peptides and Proteins by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Using <sup>18</sup> O-labeled Internal Standards." <i>Rapid Commun. Mass. Spectrom.</i> 14:1226-1232 (2000) ✓
	Munchbach et al., "Quantitation and Facilitated de Novo Sequencing of Proteins by Isotopic N-Terminal Labeling of Peptides with a Fragmentation-Directing Moiety." <i>Anal. Chem.</i> 72:4047-4057 (2000) ✓
	Oda et al., "Accurate Quantitation of Protein Expression and Site-Specific Phosphorylation." <i>Proc. Natl. Acad. Sci. USA</i> 96:6591-6596 (1999) ✓
	Paweletz et al., "Rapid Protein Display Profiling of Cancer Progression Directly from Human Tissue Using a Protein Biochip." <i>Drug. Dev. Res.</i> 49:34-42 (2000) ✓
	Rao et al., "Effect of Gel Parameters on Monolithicity and Density of Silica Aerogels." <i>J. Mater. Sci.</i> 28:3021-3026 (1993) ✓
	Ruben et al., "Imaging Aerogels at the Molecular Level." <i>J. Mater. Sci.</i> 27:4341-4349 (1992) ✓
	Sanchez et al., "High-Resolution, IPG-Based, Mini Two-Dimensional Gel Electrophoresis." <i>Methods Mol. Bio.</i> vol. 112:227-233, <i>2-D Proteome Analysis Protocols</i> , Humana Press, Totowa, NJ (1999) ✓
	Sanchez et al., "In-Gel Sample Rehydration of Immobilized pH Gradient." <i>Methods Mol. Bio.</i> vol. 112:221-225, <i>2-D Proteome Analysis Protocols</i> , Humana Press, Totowa, NJ (1999) ✓
	Sanchez et al., "Preparation and Solubilization of Body Fluids for 2-D." <i>Methods Mol. Bio.</i> vol. 112:87-93, <i>2-D Proteome Analysis Protocols</i> , Humana Press, Totowa, NJ (1999) ✓
	Smith et al., "Cross-Linked Filamentous Phage as an Affinity Matrix." <i>J. Immunol. Methods</i> 215:151-161 (1998) ✓
	Staubsai-Gran et al., "A Model Phage Display Subtraction Method with Potential for Analysis of Differential Gene Expression." <i>FEBS Lett.</i> 391:71-75 (1996). ✓
	Utal et al., "Preliminary Expression Analysis in Alzheimer's Disease Using SELDI Protein Chips." <i>Abst. Soc. Neurosci.</i> 26:abstracts-83.7 XP-000989844 (2000) ✓
	Washburn et al., "Large-Scale Analysis of the Yeast Proteome by Multidimensional Protein Identification Technology." <i>Nat. Biotechnol.</i> 19: 242-247 (2001) ✓

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50189/003002
<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)</p> <p>(37 C.F.R. § 1.98(b))</p>		Serial No.	10/518,771
		Applicant	Stroobant et al.
		§ 371 Date	October 27, 2005
		Group	1639
		IDS Filed	August 7, 2006

	Wilkins et al., "Protein Identification and Analysis Tools in the ExPASy Server," <i>Methods Mol. Bio.</i> vol. 112:531-552, <i>2-D Proteome Analysis Protocols</i> , Humana Press, Totowa, NJ (1999)
--	---

✓

EXAMINER /Jeffrey Lundgren/	DATE CONSIDERED 08/25/2008
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L./